

NSLS OHSAS Facility Risk Assessment

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Name(s) of Risk Team Members: Reviewed by OHSAS Committee	Point Value → Parameter ↓	1	2	3	4	5
Area/Facility Description Title: General Material Handling Hazards	Occupancy or Use	≤once/year	≤once/month	≤once/week	≤once/shift	>once/shift
Area/Facility # (if applicable): LS-FRA-0005						
Area/Facility Description: General Material Handling Hazards throughout the NSLS complex.	Severity	First Aid Only	Medical Treatment	Lost Time	Partial Disability	Death or Permanent Disability
	Likelihood	Extremely Unlikely <<1x/20yrs	Unlikely 1x/10-20yrs	Possible >1x/10-20yrs	Probable 1x/yr	Multiple >1x/yr
Approved by: W. R. Casey Date: 9/15/05 Rev.#: 1 Revision Log						
Reason for Revision (if applicable):				Comments:		

Physical Item or Activity	Hazard(s)	Before Controls				Initial Controls	After Initial Controls				Control(s) Added to Reduce Risk	After Additional Controls				% Risk Reduction
		Occupancy A	Severity B	Likelihood C	Risk* AxBxC		Occupancy A	Severity B	Likelihood C	Risk* AxBxC		Occupancy A	Severity B	Likelihood C	Risk* AxBxC	
Near overhead cranes (electric, manual, or pneumatic) being used to lift or move load.	Being struck by dropped object	3	5	3	45	Cranes locked- access only to trained individuals, Crane training, Assistant Operator to verify clear path of travel, hard hat if entering barricaded areas, audible warning on crane trolley	3	5	2	30						
	Being struck with moving load or swinging crane hook	3	3	3	27		3	3	1	9						

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		Before Controls					After Initial Controls					After Additional Controls				
Physical Item or Activity	Hazard(s)	Occupancy A	Severity B	Likelihood C	Risk* AxBxC	Initial Controls	Occupancy A	Severity B	Likelihood C	Risk* AxBxC	Control(s) Added to Reduce Risk	Occupancy A	Severity B	Likelihood C	Risk* AxBxC	% Risk Reduction
Near fork truck being used to move load	Being crushed/run over by moving fork truck	2	5	3	30	Qualified trained operator, audible warning on fork truck as required	2	5	2	20						
	Being struck by load	2	5	3	30		2	5	2	20						
	Being crushed/struck by fork truck (tipping over)	2	5	3	30		2	5	2	20						
Near pallet jack being used to move load	Being struck by load	3	3	3	27	Paying attention to surroundings, verbal warning from pallet jack operator.	3	3	2	18						
	Being struck by object (rolling pallet jack)	3	3	3	27		3	3	2	18						
Further Description of Controls Added to Reduce Risk:																
*Risk:	0 to 20 Negligible	21 to 40 Acceptable				41 to 60 Moderate				61 to 80 Substantial				81 or greater Intolerable		